



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Andersen Corporation
100 Fourth Avenue North
Bayport, MN 55003**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Vinyl Clad Wood Awning Window- L.M.I.

APPROVAL DOCUMENT: Drawing No. **W02-09**, dated 01/24/02, titled "Vinyl Clad Wood Awning Window (L.M.I.)" sheets 1 through 3 of 3, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 04-0303.02
Expiration Date: April 22, 2009
Approval Date: April 22, 2004**

Page 1

Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-09**, titled "Vinyl Clad Wood Awning Window (L.M.I.)." Sheets 1 through 3 of 3, prepared by Al-Farooq Corporation, dated 01/24/02, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Resistance, per FBC, 2411.3.2.1 and TAS 202-94
along with installation diagram of an vinyl clad wood awning window prepared by Architectural Testing, Report No. **ATI-02-33344.01**, dated 08/01/01, signed and sealed by Allen N. Reeves, P.E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Resistance, per FBC, 2411.3.2.1 and TAS 202-94
along with installation diagram of an vinyl clad wood awning window prepared by Architectural Testing, Report No. **ATI-02-46289.01**, dated 09/20/03, signed and sealed by Allen N. Reeves, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by Al-Farooq Corporation, dated 02/10/04, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. Notice of acceptance No. **00-1212.04** issued to "E.I. DuPont DeNemours" for "Dupont Butacite ® PVB" dated 02/15/01 with expiration date on 12/11/05.



Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 04-0303.02
Expiration Date: April 22, 2009
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Andersen Corporation

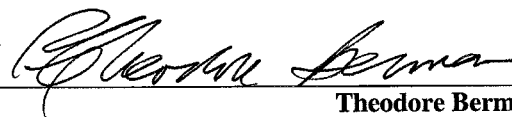
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, dated 02/10/04, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated 02/10/04, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Letter from the consultant stating that the product is in compliance with Florida Building Code (FBC).



Theodore Berman, P.E.
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DESIGN LOAD CAPACITY - PSF				
SHUTTERS NOT REQUIRED				
WINDOW DESCRIPTION	UNIT WIDTH INCHES	UNIT HT. INCHES	3/8" THICK NOMINAL	
			EXT. (+)	INT. (-)
AR21	24-1/8"	17"	67.0	82.0
AR251	28-3/8"		67.0	82.0
AR31	35-15/16"		67.0	82.0
AR351	40-13/16"		67.0	82.0
AR41	48"		67.0	82.0
AR451	52-13/16"		67.0	82.0
AR51	59-7/8"		67.0	82.0
AN21	24-1/8"	20-1/2"	67.0	82.0
AN251	28-3/8"		67.0	82.0
AN31	35-15/16"		67.0	82.0
AN351	40-13/16"		67.0	82.0
AN41	48"		67.0	82.0
AN451	52-13/16"		67.0	82.0
AN51	59-7/8"		67.0	82.0
A21	24-1/8"	24-1/8"	67.0	82.0
A251	28-3/8"		67.0	82.0
A31	35-15/16"		67.0	82.0
A351	40-13/16"		67.0	82.0
A41	48"		67.0	82.0
A451	52-13/16"		67.0	82.0
A51	59-7/8"		67.0	82.0
AW21	24-1/8"	28-3/8"	67.0	82.0
AW251	28-3/8"		67.0	82.0
AW31	35-15/16"		67.0	82.0
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AW51	59-7/8"		67.0	82.0

VINYL CLAD WOOD AWNING WINDOW

WINDOWS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

DESIGN LOAD RATING TO BE AS PER CHART SHOWN ABOVE.

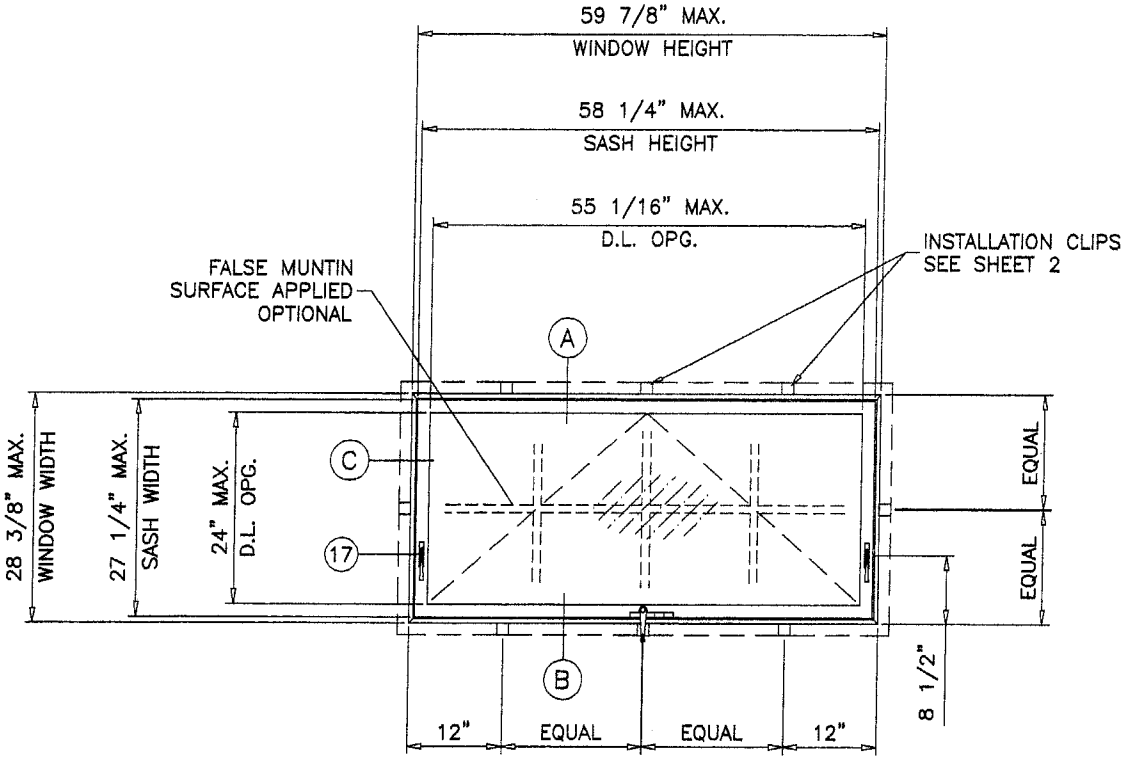
THESE PRODUCTS CAN BE INSTALLED AS SINGLE UNITS OR IN COMBINATION WITH MIAMI-DADE COUNTY APPROVED PRODUCTS USING APPROVED MULLION IN BETWEEN.

THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE.

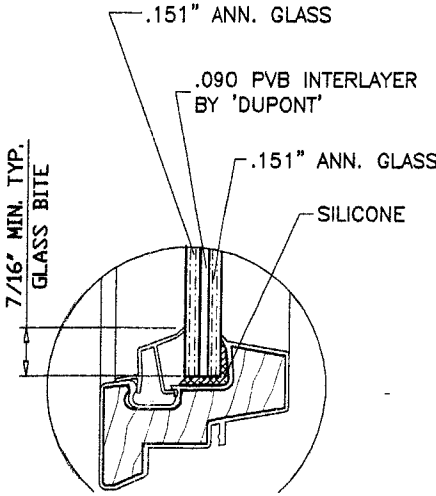
WOOD BUCKS BY OTHERS (MIN. 2X4 GRADE 2 SYP), MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.



TYPICAL ELEVATION
TESTED UNIT



3/8" THICK NOMINAL

IMPACT RESISTANT GLASS
SHUTTERS NOT REQUIRED

Approved as complying with the
Florida Building Code

Date APRIL 22 2004

NOA# 04-0303.01

Miami Dade Product Control

Division

By Meowu Beuman

Engr: DR. HUMAYUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

FEB 11 2004

afc

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

VINYL CLAD WOOD AWNING WINDOW (L.M.I.)
ANDERSEN CORPORATION
100 FOURTH AVE. NORTH
BAYPORT, MN. 55003-1096
TEL. (800) 426-7691 FAX (-)

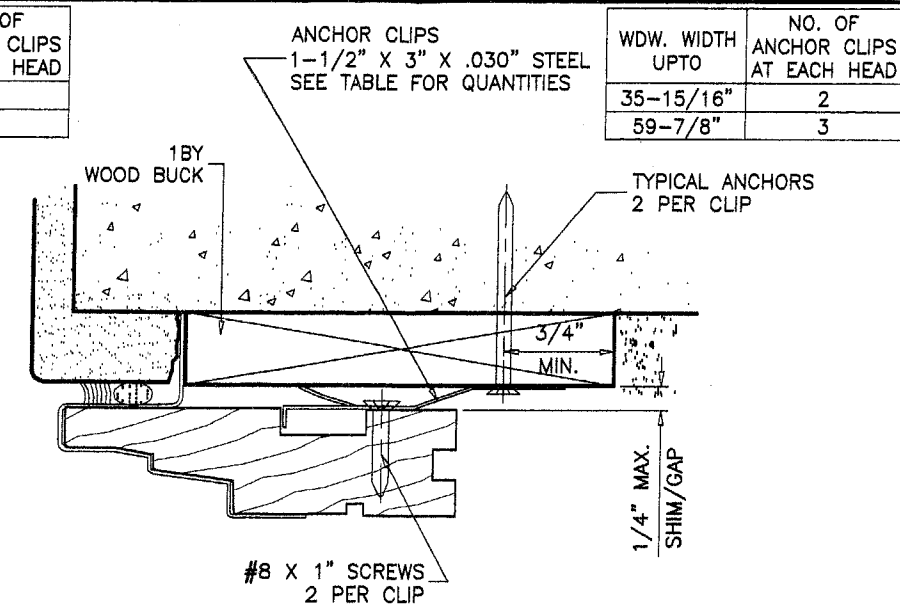
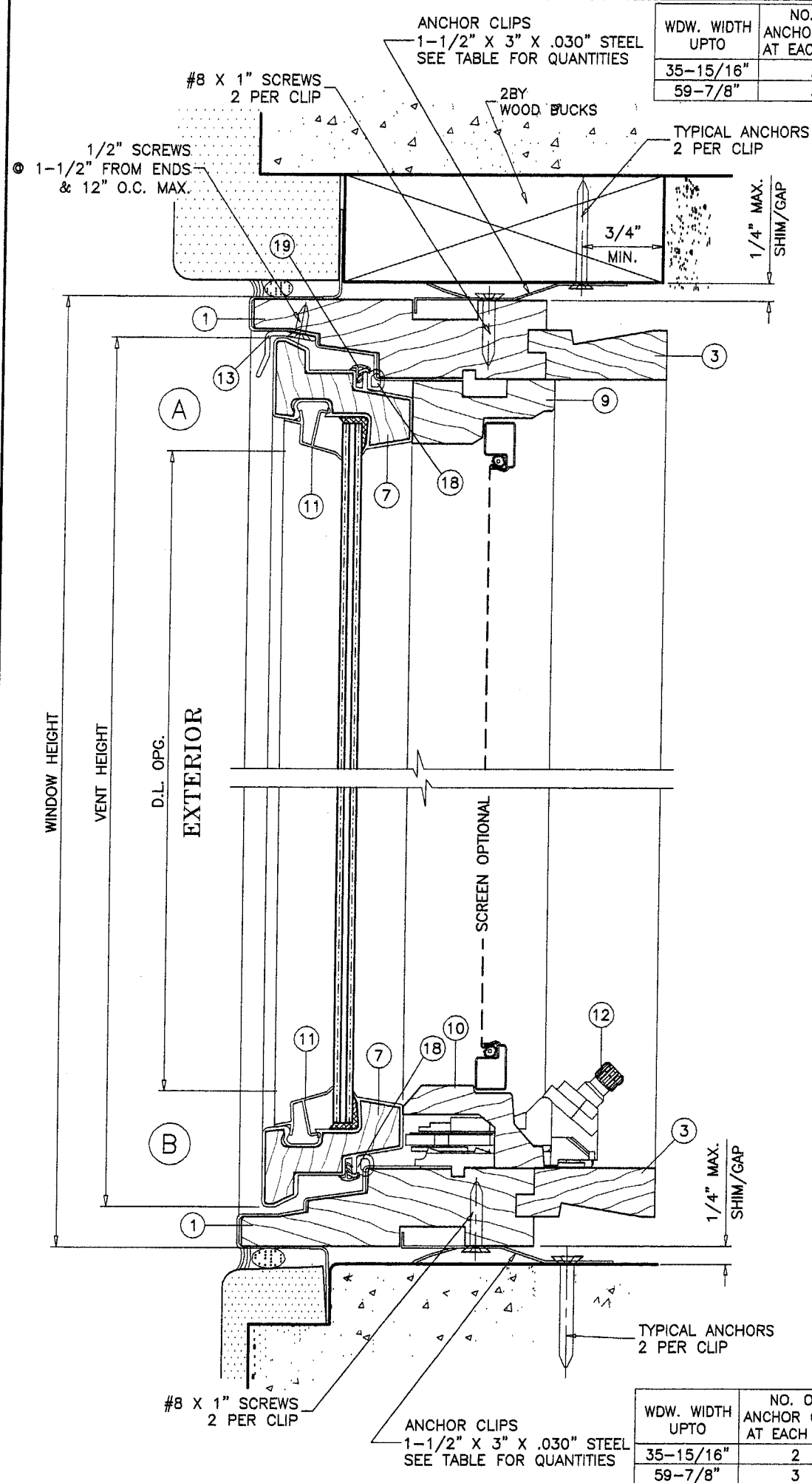
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chk. by:

drawing no.
W02-09

sheet 1 of 3

COMP-ANL\W02-09AC



WOOD BUCKS NOT BY ANDERSEN, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS:

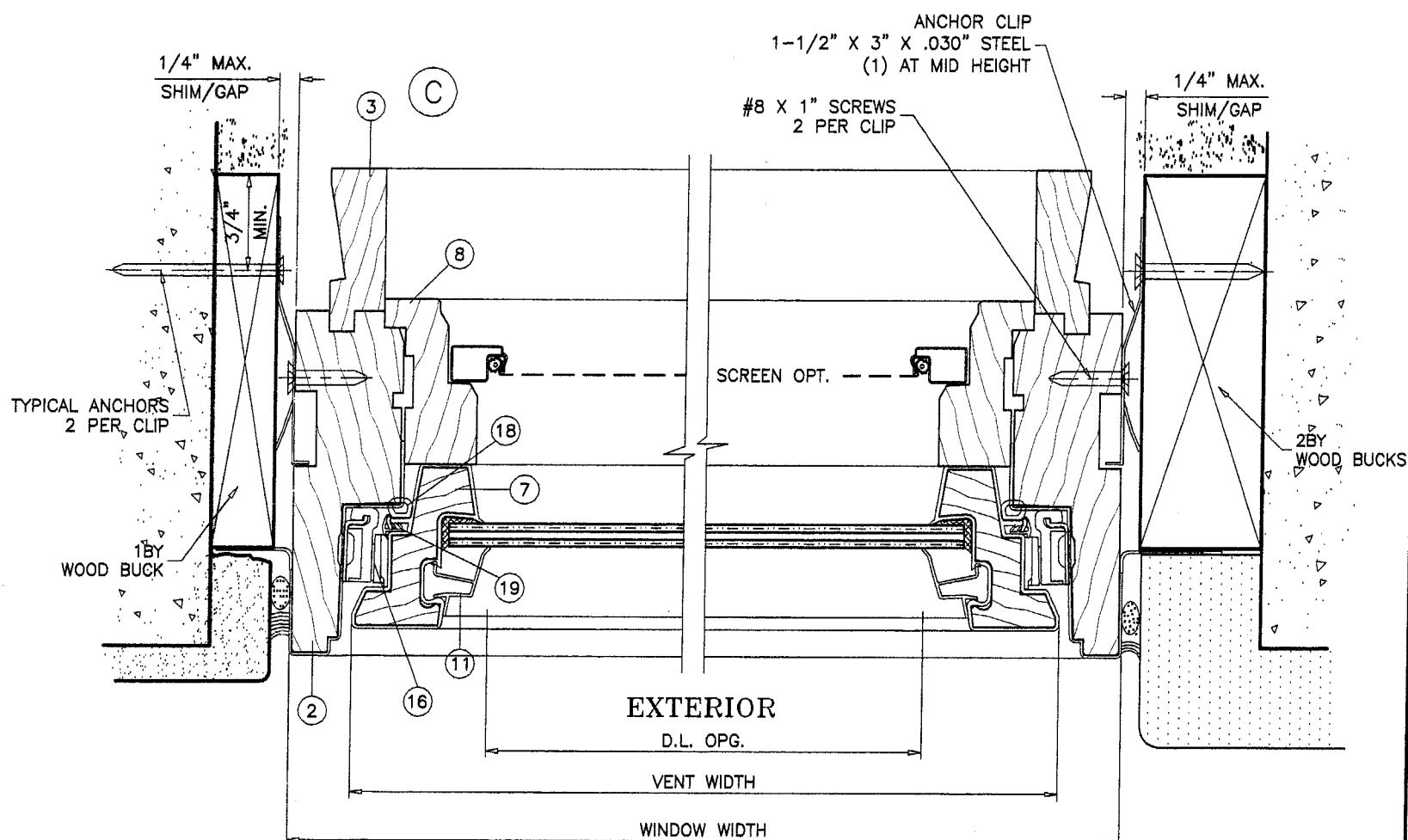
#8 SMS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD

3/16" TAPCONS

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY



Approved as complying with the
Florida Building Code
Date APR 12 2004
NOA# 04-0303-02
Miami Dade Product Control
Division
By *[Signature]*

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
FEB 11 2004

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VINYL CLAD WOOD AWNING WINDOW (L.M.I.)
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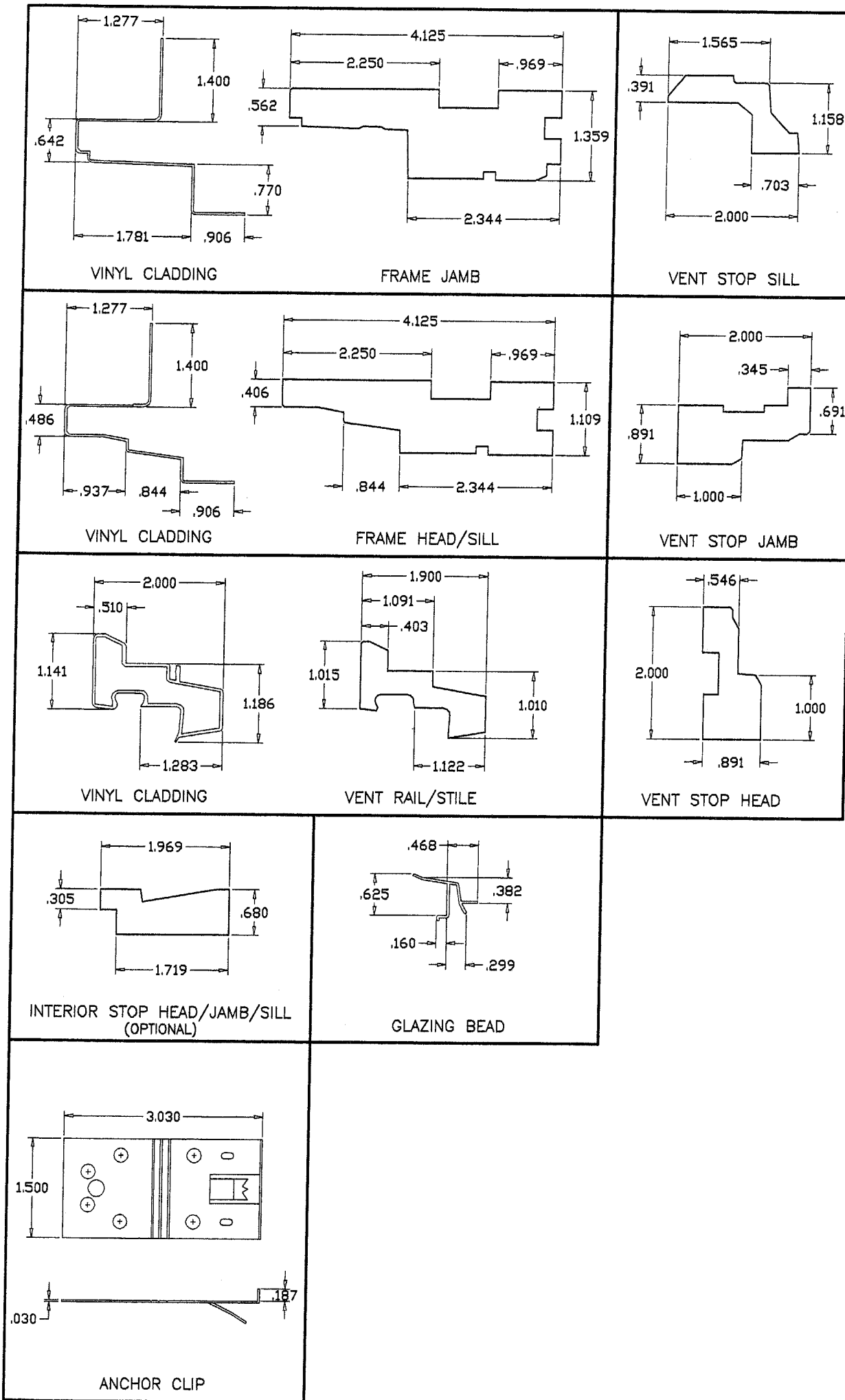
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chk. by:

drawing no.
W02-09

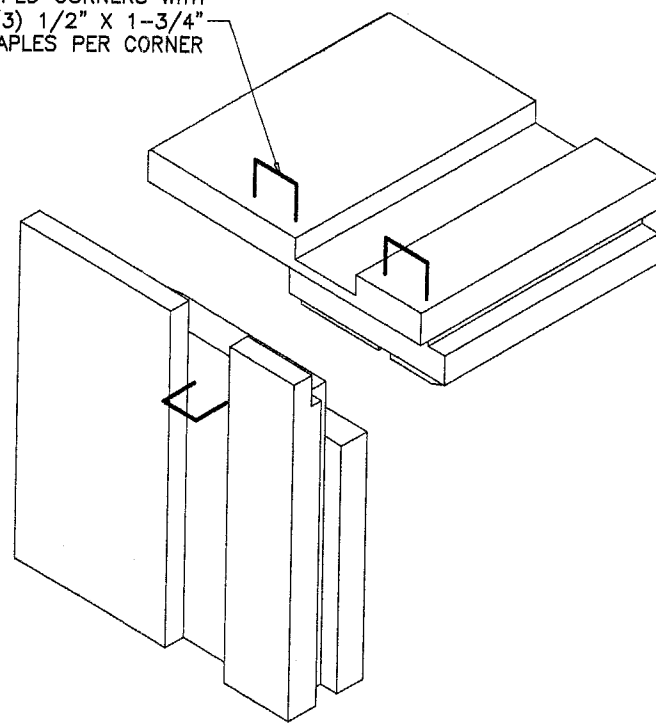
sheet 2 of 3



ITEM #	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	30836	AS REQD.	FRAME JAMB	WOOD	ANDERSEN
2	30838	AS REQD.	FRAME HEAD/SILL	WOOD	ANDERSEN
3	-	OPTIONAL	EXTENSION JAMBS	WOOD	ANDERSEN
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	30013	4/ SASH	SASH RAIL/STILE	WOOD	ANDERSEN
8	40145	2/ WDW.	VENT STOP HEAD	WOOD	ANDERSEN
9	-	1/ WDW.	VENT STOP JAMB	WOOD	ANDERSEN
10	40146	1/ WDW.	VENT STOP SILL	WOOD	ANDERSEN
11	29268	AS REQD.	GLAZING BEAD	PVC	-
12	-	1/ SASH	ROTO OPERATOR WITH SINGLE ARM	STEEL	AMEROCK CORP.
13	30442	1/ SASH	ALUMINUM SNUGGER	5052-H32	-
14	#8 X 1/2"	-	SNUGGER SCREWS	-	AT 1-1/2" FROM ENDS & 12" O.C.
15	30053	-	STATIONARY SASH CLIP	STEEL	-
16	1361409	2/ SASH	HINGE ASEMBLY AT TOP CORNERS	STEEL	AMEROCK CORP.
17	40149	AS REQD.	LOCK W/ KEEPERS ON SASH	STEEL	AMEROCK CORP.
18	40152	AS REQD.	WEATHERSTRIP STILE	FOAM	-
19	29197	AS REQD.	WEATHERSTRIP RETAINER	PVC	-

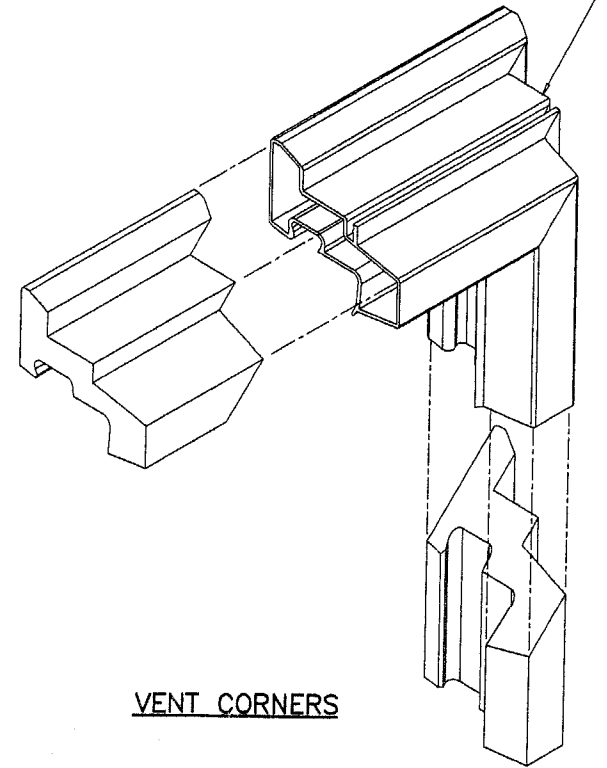
ALL WOOD TO BE PONDEROSA PINE OR EQUAL

COPED CORNERS WITH
(3) 1/2" X 1-3/4"
STAPLES PER CORNER



FRAME CORNERS

VINYL CLADDING CORNERS
MITER CUT
WELDED ALL AROUND



VENT CORNERS

Approved as complying with the
Florida Bidding Code
Date APR 22 2004
NOAH 04-0303-02
Miami Dade Product Control
Division
By [Signature]

Engr: DR. HUMAYOUN FAROOQ
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sheet 3 of 3